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PATENT
Attorney Docket No.: AVARS-02200

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Michael A. Lloyd et al.

Serial No.: 09/903,423

Filed: July 10, 2001

For: **SYSTEM AND METHODS FOR
ROBUST, REAL-TIME
MEASUREMENT OF NETWORK
PERFORMANCE**

) Group Art Unit: 2143

) Examiner: Nguyen, Phuoc H.

) **TRANSMITTAL LETTER**

) 162 N. Wolfe Road
) Sunnyvale, CA 94086
) (408) 530-9700

) Customer No.: 28960

MS: Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Sir:

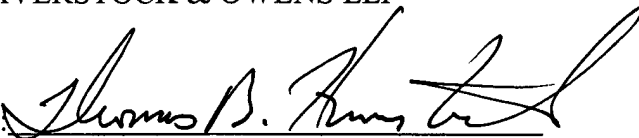
Enclosed please find a Supplemental Information Disclosure Statement, and Form PTO-1449, including copies of the references contained thereon, for filing in the U.S. Patent and Trademark Office.

You will also find enclosed the associated Transmittals, Electronic Information Disclosure Statements, and United States Patent and Trademark Office Acknowledgment Receipts for the electronically filed Information Disclosure Statement (EFS ID #80624) filed on March 23, 2005.

The Commissioner is hereby authorized to charge any additional fee or credit overpayment to our Deposit Account No. 08-1275. **An originally executed duplicate of this transmittal is enclosed for this purpose.**

Respectfully submitted,
HAVERSTOCK & OWENS LLP

Dated: 3-23-05

By: 
Thomas B. Haverstock
Reg. No.: 32,571

Attorneys for Applicants

CERTIFICATE OF MAILING (37 CFR § 1.8(a))

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450

HAVERSTOCK & OWENS LLP

Date: 3-23-05 By: 



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Attorney Docket No.: AVARS-02200

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	Group Art Unit: 2143
Michael A. Lloyd et al.)	Examiner: Nguyen, Phuoc H.
Serial No.: 09/903,423)	<u>SUPPLEMENTAL INFORMATION</u>
Filed: July 10, 2001)	<u>DISCLOSURE STATEMENT</u>
For: SYSTEM AND METHODS FOR)	162 N. Wolfe Road
ROBUST, REAL-TIME)	Sunnyvale, CA 94086
MEASUREMENT OF NETWORK)	(408) 530-9700
PERFORMANCE)	

MS: Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The citations listed below, copies attached, may be material to the examination of the above-identified application, and are therefore submitted in compliance with the duty of disclosure defined in 37 C.F.R. §§ 1.56 and 1.97. The Examiner is requested to make these citations of official record in this application.

United States Patents or Published Patent Applications have been filed electronically (EFS ID #80624). Applicants have become aware of the following printed publication which may be material to the examination of this application:

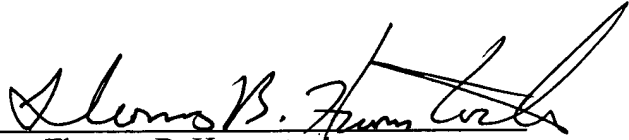
- PCT Publication No. WO 02/033896 A3;
- T. Bates et al., "Multiprotocol Extensions for BGP-4", XP-00219077, June 2000, ppg. 1-10;
- S. Kumar et al., "The MASC/BGMP Architecture for Inter-domain Multicast Routing," 12 pages;
- S. Berson et al., "An Architecture for Advance Reservations in the Internet," USC Information Sciences Institute, July 16, 1998, pages 1-21;
- R. P. Draves et al., "Constructing Optimal IP Routing Tables," 1999 IEEE, 1-10;

- R. Govindan et al., "An Analysis of Internet Inter-Domain Topology and Route Stability," USC Information Sciences Institute, 1997 IEEE, 8 pages;
- V. Paxson, "Toward a Framework for Defining Internet Performance Metrics," http://www.isoc.org/inet96/proceedings/d3/d3_3.htm, pages 1-20;
- C. Alaettinoglu et al. "Routing Policy Specification Language (RPSL)," <http://quimby.gnus.org/internet-drafts/draft-ietf-rps-rpsl-v2-00.txt>, pages 1-56;
- P. Traina, "BGP-4 Protocol Analysis," March 1995, pages 1-10; and
- B. Krishnamurthy et al., "On Network-Aware Clustering of Web Clients," 14 pages.

This Supplemental Information Disclosure Statement under 37 C.F.R. §§ 1.56 and 1.97 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that anyone or more of these citations constitutes prior art.

Respectfully submitted,
HAVERSTOCK & OWENS LLP

Dated: 3-23-05

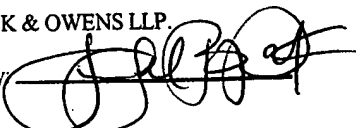
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Attorney Docket No.: AVARS-02200

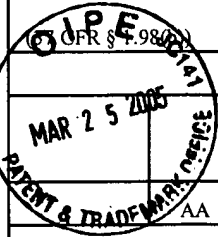
Serial No.: 09/903,423

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Use Several Sheets If Necessary)

Applicants: Michael A. Lloyd et al.

Filing Date: July 10, 2001

Group Art Unit: 2143

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
					Yes	No
AA	WO 02/033896 A3	04/25/02	PCT	H04L	12/56	X

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

AB	T. Bates et al., "Multiprotocol Extensions for BGP-4", XP-00219077, June 2000, ppg. 1-10.
AC	S. Kumar et al., "The MASC/BGMP Architecture for Inter-domain Multicast Routing," 12 pages.
AD	S. Berson et al., "An Architecture for Advance Reservations in the Internet," USC Information Sciences Institute, July 16, 1998, pages 1-21.
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AG	V. Paxson, "Toward a Framework for Defining Internet Performance Metrics," http://www.isoc.org/inet96/proceedings/d3/d3_3.htm , pages 1-20.
AH	C. Alaettinoglu et al. "Routing Policy Specification Language (RPSL)," http://quimby.gnus.org/internet-drafts/draft-ietf-rps-rpsl-v2-00.txt , pages 1-56.
AI	P. Traina, "BGP-4 Protocol Analysis," March 1995, pages 1-10.
AJ	B. Krishnamurthy et al., "On Network-Aware Clustering of Web Clients," 14 pages.
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Examiner:

Date Considered:

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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ACKNOWLEDGEMENT RECEIPT**

Electronic Version 1.1

Stylesheet Version v1.1.1

Title of Invention	SYSTEMS AND METHODS FOR ROBUST, REAL-TIME MEASUREMENT OF NETWORK PERFORMANCE										
Submission Type:	Information Disclosure Statement										
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EFS ID:	80624										
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ICON1	8239										
USPTOEFSNotice	For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number: 1(866) 217-9197 Website: http://www.uspto.gov/ebc/										
First Named Applicant:	Michael Lloyd										
Attorney Docket Number:											
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Page 2 of 2

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TRANSMITTAL							
Electronic Version v1.1 Stylesheet Version v1.1.0							
Title of Invention	SYSTEMS AND METHODS FOR ROBUST, REAL-TIME MEASUREMENT OF NETWORK PERFORMANCE						
Application Number:	09/903423 *09/903423*						
Date:	2001-07-10						
First Named Applicant:	Michael A. Lloyd						
Confirmation Number:	8239						
Attorney Docket Number:							
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>							
<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Thomas B. Haverstock Registered Number: 32571</td><td>/tbh/</td><td>Attorney</td></tr></tbody></table>		Submitted by:	Elec. Sign.	Sign. Capacity	Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney
Submitted by:	Elec. Sign.	Sign. Capacity					
Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney					

Documents being submitted	Files
us-ids	AVARS_02200-usidst.xml us-ids.dtd us-ids.xsl
Comments	

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v1.8

Stylesheet Version v1.8.0

Title of
Invention**SYSTEMS AND METHODS FOR ROBUST, REAL-TIME MEASUREMENT
OF NETWORK PERFORMANCE**

Application Number: 09/903423 *09/903423*

Confirmation Number: 8239

First Named Applicant: Michael Lloyd

Attorney Docket Number:

Search string: (5802106 or 6339595 or 6415323 or 6526056 or 6608841 or
6611872 or 6631419 or 6633640 or 6714549 or 6766381 or
20020038331 or 20020124100 or 20030016770).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

Init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	5802106	1998-09-01	Packer			
	2	6339595	2002-01-15	Rekhter et al.	B1		
	3	6415323	2002-07-02	McCanne et al.	B1		
	4	6526056	2003-02-25	Rekhter et al.	B1		
	5	6608841	2003-08-19	Koodli	B1		
	6	6611872	2003-08-26	McCanne	B1		
	7	6631419	2003-10-07	Greene	B1		
	8	6633640	2003-10-14	Cohen et al.	B1		
	9	6714549	2004-03-30	Phaltankar	B1		
	10	6766381	2004-07-20	Barker et al.	B1		

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

Init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
	1	20020038331	2002-03-28	Flavin	A1		
	2	20020124100	2002-09-05	Adams	A1		
	3	20030016770	2003-01-23	Trans et al.	A1		

Signature

Examiner Name

Date